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Table I
Percentage of Cells Expressing SA- β -Gal Cells

| Cells | Φ | Doxorubicin | Taxol |
|-------|--------|-------------|-------|
| MCF7 | 2% | 24% | 13% |

Table II
Percentage of Cells Expressing SA- β -Gal in Patient Tissue After Herceptin Treatment

| Time Elapsed | Percent |
|--------------|---------|
| Day 0 | 0% |
| Day 2 | 1.5% |
| Day 14 | 26% |

Table III
Expression of p53 and p21^{CIP1/WAF1} in MCF7 Cells
Treated for 3 days with Doxorubicin

| Treatment | Cells stained for p53 (% Cells) | Cells stained for p21 ^{CIP1/WAF1} (% Cells) |
|-----------|------------------------------------|--|
| Φ | 14.43 \pm 6 | 10.61 \pm 4 |
| DOX | 23.93 \pm 7 | 50.81 \pm 6 |

Table IV

**Twenty Breast Cancer Patients Analyzed by Image Analysis
Before and After Neoadjuvant Chemotherapy**

| | P21 | P21+ |
|-------------------------|------------|-------------|
| Before treatment | 16 | 4 |
| After treatment | 7 | 13 |

FIG. 1A

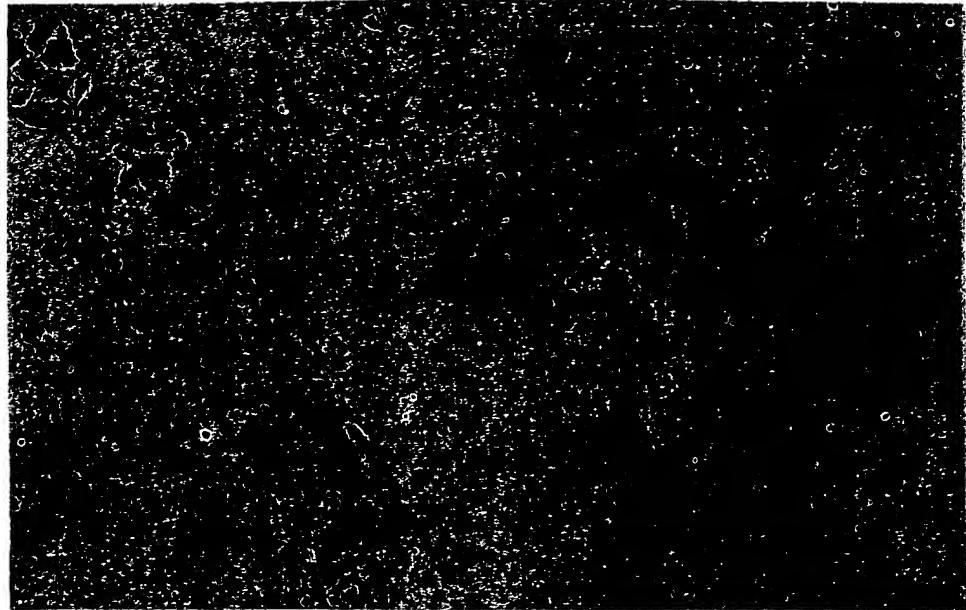


FIG. 1B

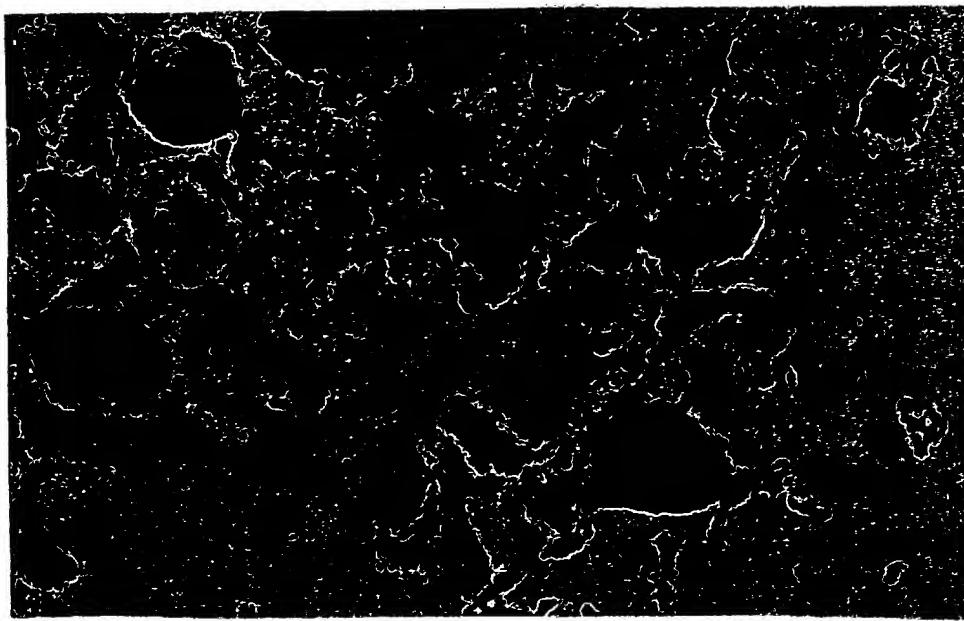


FIG. 2A

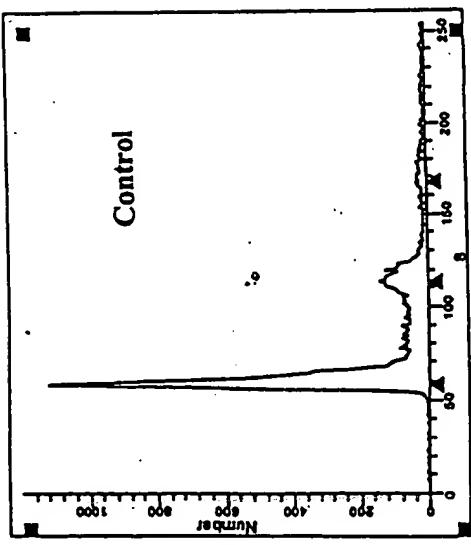


FIG. 2B

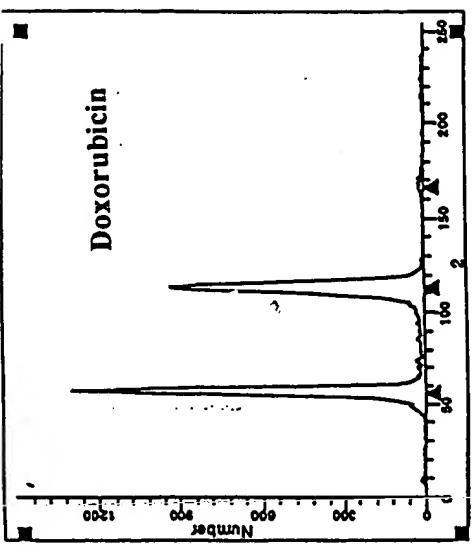


FIG. 2C

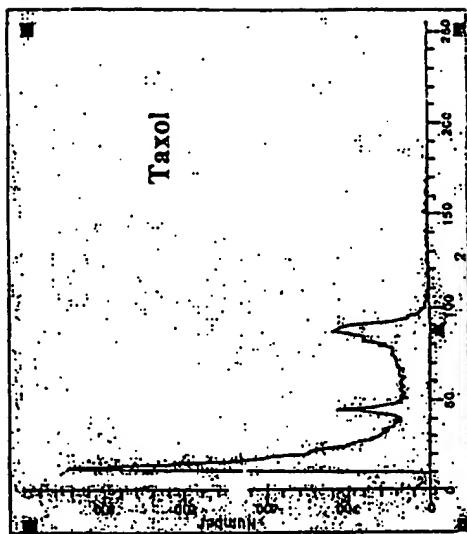
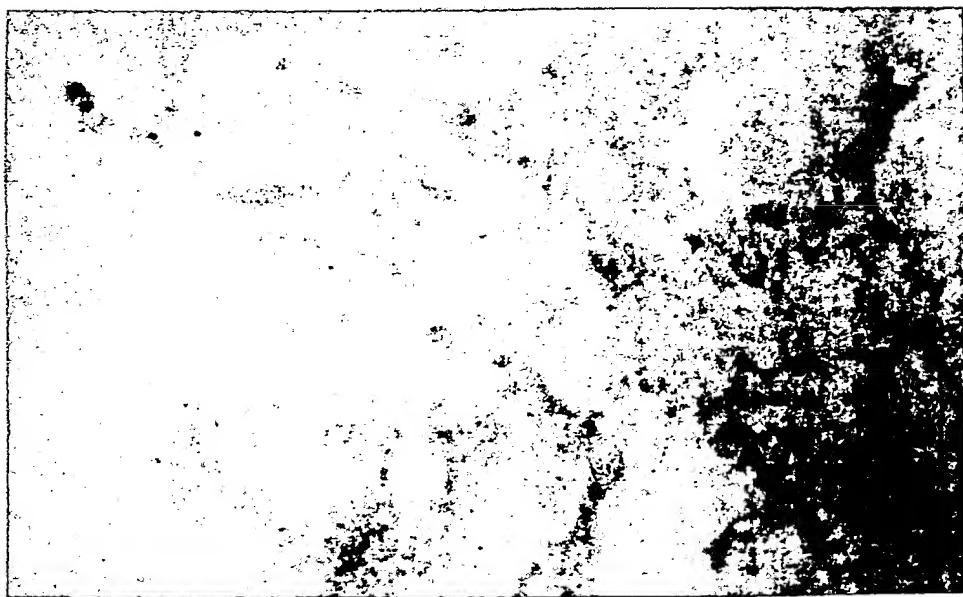


FIG. 3A



FIG. 3B



0.0 0.2 0.4 0.6 0.8 1.0

FIG. 3C

